COTTON CHATS

FROM

DRAPER COMPANY

SHIPMAN'S
COMMON-SENSE BINDER

PATENTED

JANUARY 19, 1892. APRIL 19, 1904

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ASA L. SHIPMAN'S SONS
MANUFACTURERS,
NEW YORK.

COTTON CHATS

By the Secretary of the
DRAPER COMPANY,
HOPEDALE, MASS.

No. 46. JANUARY, 1906.

COTTON STATISTICS.

We do not pretend to know much of cotton crop matters, but in our various researches we run across figures which can be tabulated to illustrate by comparison an interesting analysis of the general situation. In 1903 we published in our book **Textile Texts** a statistical table in which the bales were figured at 450 pounds net. As bales average heavier to-day we have re-figured the entire table on a 500 lb. net basis and also made some corrections where new light has been obtained on old data. I use Col. Shepperson's figures for recent year tabulation. I know of no other complete table in existence and while it may have errors still undiscovered, it is probably accurate enough for the purpose for which it is available.

The "Commercial Crop" is not necessarily the entire crop, as a certain proportion of each crop remains unmolested and unaccounted for. In a year of excessive yield this proportion is naturally higher than normal—thus the crop of 1904-05 is said to have been nearly 14,000,000 bales.

The "crop guessers" are yearly proved inaccurate as a review of estimates will show. Anticipating the season of 1904-05 there were some 15 estimates from parties of sufficient authority to be placed on permanent record. Their estimates varied from 11,012,000 low

to 12,177,000 high

The government was better than 14 of the guessers but still as bad as the best. It is found to have been consistently conservative for several years as shown recently by Congressman Lovering who used the following figures:

	December estimates of Department of Agriculture. BALES.	Crop Statements after close of season, by N. Y. Chronicle. BALES.
Season of 1897-98	9,100,000	11,181,000
Season of 1898-99	10,000,000	11,235,000
Season of 1899-00	8,900,000	9,440,000
Season of 1900-01	10,100,000	10,425,000
Season of 1901-02	9,674,000	10,701,000
Season of 1902-03	10,417,000	10,758,000
Season of 1903-04	9,962,000	10,124,000
Season of 1904-05	12,168,000	13,557,000
Total,	80,321,000	87,421,000

The average under estimate is over 8 per cent.

The bale figures do not agree with our own table, as the actual bales are figured instead of statistical bales. The weight of the actual bale increased apparently in 1904-05.

For the crop now marketing the estimates vary from 9,000,000 to 12,000,000.

COTTON CROP OF THE UNITED STATES EXPRESSED IN STATISTICAL BALES OF 500 POUNDS NET WEIGHT.

Year.	Crop in thousands of bales.	Average Price in Cents.	Year.	Crop in thousands of bales.	Average Price in Cents.
1788-89	2,000		1851-52	2,676,000	12.14
1789-90	3,000	14.5	1852-53	2,993,000	9.50
1790-91	4,000	26.	1853-54	2,643,000	11.02
1791-92	6,000	26.	1854-55	2,588,000	10.97
1792-93	10,000	29.	1855-56	3,069,000	10.39
1793-94	16,000	32.	1856-57	2,746,000	10.30
1794-95	16,000	33.	1857-58	2,879,000	13.51
1795-96	20,000	36.5	1858-59	3,592,000	12.23
1796-97	22,000	36.5	1859-60	4,582,000	12.08
1797-98	30,000	34.	1860-61	3,672,000	11.
1798-99	40,000	39.	1861-62	4,293,000	13.01
1799-00	70,000	44.	1862-63	1,526,000	31.29
1800-01	96,000	28.	1863-64	429,000	67.21
1801-02	110,000	44.	1864-65	286,000	101.50
1802-03	120,000	19.	1865-66	2,000,000	83.38
1803-04	130,000	19.	1866-67	2,062,000	43.20
1804-05	140,000	20.	1867-68	2,242,000	31.59
1805-06	160,000	23.	1868-69	2,101,000	24.85
1806-07	160,000	22.	1869-70	2,703,000	29.01
1807-08	150,000	21.5	1870-71	3,830,000	23.98
1808-09	164,000	19.	1871-72	2,641,000	16.95
1809-10	170,000	16.	1872-73	3,510,000	20.48
1810-11	160,000	16.	1873-74	3,634,000	18.15
1811-12	150,000	15.5	1874-75	3,393,000	17.
1812-13	150,000	10.5	1875-76	4,122,000	15.
1813-14	140,000	12.	1876-77	3,971,000	13.
1814-15	200,000	15.	1877-78	4,282,000	11.73
1815-16	248,000	21.	1878-79	4,556,000	11.28
1816-17	260,000	29.5	1879-80	5,412,000	10.83
1817-18	250,000	26.5	1880-81	6,062,000	12.02
1818-19	334,000	34.	1881-82	4,904,000	11.34
1819-20	320,000	24.	1882-83	6,452,000	12.16
1820-21	360,000	17.	1883-84	5,225,000	10.63
1821-22	420,000	16.	1884-85	5,198,000	10.64
1822-23	370,000	16.5	1885-86	6.030,000	10.54
1823-24	430,000	11.	1886-87	5,977,000	9.44
1824-25	510,000	15.	1887-88	6,516,000	10.25
1825-26	700,000	21.	1888-89	6,736,000	10.27
1826-27	540,000	11.	1889-90	6,888,000	10.71
1827-28	650,000	9.5	1890-91	8,242,000	11.53
1828-29	730,000	10.25	1891-92	8,526,000	9.03
1829-30	700,000	10.	1892-93	6,318,000	7.64
1830-31	770,000	10.	1893-94	7,115,000	8.24
1831-32	780,000	9.25	1894-95	9.480,000	7.67
1832-33	890,000	10.	1895-96	6,798,000	6.62
1833-34	920,000	11.	1896-97	8,281,000	8.16
1834-35	921,000	13.	1897-98	10,775,000	7.72
1835-36	1,014,000	16.5	1898-99	10,940,000	6.22
1836-37	1,078,000	13.25	1899-00	8,997,000	6.
1837-38	1,365,000	10.14	1900-01	9,991,000	8.7
1838-39	1,045,000	13.36	1901-02	10,344,000	8 75
1839-40	1.668,000	8.92	1902-03	10,274,000	9.
1840-41	1.288,000	9.50	1903-04	9,682,000	11.18
1841-42	1,337,000	7.85	1904-05	13,436,000	11.75
1842-43	1,945,000	7.25	1905-06		9.80
1843-44	1,692,000	7.73	1906-07		
1844-45	1,987 000	5.63	1907-08		
1845-46	1,726,000	7.87	1908-09		
1846-47	1,513,000	11.21			
1847-48	2,034,000	8.03			
1848-49	2,499,000	7.55			
1849-50	2,000,000	11.			
1850-51	2,041,000	12.34			

Read price column with reference to first column of year figures. Prices given are for calendar year.

Estimates of spindles in use during 1905 vary more or less. I give in two columns the high and low statistics obtained from various sources—in round figures.

	LOW	HIGH
Great Britain,	48,500,000	51,000,000
United States,	23,000,000	24,000,000
Germany,	8,800,000	8,830,000
Russia and Russian Poland,	7,000,000	7,800,000
France,	6,100,000	6,150,000
Austria and Hungary,	3,380,000	3,500,000
Spain,	2,600,000	2,900,000
Italy,	2,400,000	2,800,000
Switzerland	1,600,000	1,710,000
Sweden and Norway,	450,000	460,000
Holland,	360,000	380,000
Portugal,	160,000	230,000
ONLY ONE ESTIMATE FOUND FOR THESE COUNTRIES.		
Belgium,	1,200,000	1,200,000
Greece,	70,000	70,000
Denmark,	60,000	60,000
Roumania,	40,000	40,000
Turkey,	80,000	80,000
Asia Minor,	60,000	60,000
India,	5,200,000	5,200,000
Japan,	1,330,000	1,330,000
China,	620,000	620,000
Canada,	770,000	770,000
Mexico,	630,000	630,000
Brazil,	450,000	450,000
	114,860,000	120,270,000

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THERMOMETERS.

We purchased a special lot of thermometer calendars which we have distributed to the larger mills on our list. We could not obtain enough for all—the supply was limited. We have a few which we will be pleased to send to Cotton Chat readers who have not had one, so long as they last, **in order of application.**

As our tenement pictures have awakened some interest we print two more this month.

The renter of the tenement on the left hand in this picture has taken first prize several times for care of grounds and the general treatment of the premises is well illustrated.

This picture shows one block out of a group containing ninety tenements built in the neighboring town of Milford for the convenience of help preferring to live in the larger town. They are about three-quarters of a mile from the Draper Company works. A private sewage disposal plant cares for the entire group. The buildings are of brick with varied architectural treatment.